

Curriculum Vitae

PERSONAL INFORMATION



Mr. MOHAMED ABDELAMJEED GABBASA

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Sex: Male | Date of Birth: November 1980 | Nationality: Libyan

CURRENT POSITION

Head of Department of Chemical Engineering,
Senior Lecturer at Department of Chemical Engineering , Higher Institute of Science & Technology / Zawia,
Ministry of Higher Education & Scientific Research, Tripoli, Libya.
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HOME PAGE

Home page: [Mohamed Gabbasa Google Scholar](#)

Home page: researchgate.net/profile/Mohamed_Gabbasa

WORK EXPERIENCE

Dec 2004 – April 2006

❖ Supervisor of Physical and Chemical Laboratory in Department of Quality Control, (Al-Maya Pharmaceutical Factory / Public Company for Pharmaceutical), Al-Maya, Tripoli, Libya.

May 2006 – Dec 2007

❖ Tutor in Department of Mechanical Engineering, Faculty of Engineering, Zawia University, Zawia, Libya.

Website: www.zu.edu.ly/

Dec 2010 – Feb 2013

❖ Assistant Research at Solar Energy Research Institute (SERI), The National University of Malaysia (UKM), 43650 Bangi, Selangor, Malaysia.

Website: www.ukm.my/seri

Feb 2013 – Present

❖ Senior Lecturer at Department of Chemical Engineering, Higher Institute of Science & Technology / Zawia, Ministry of Higher Education & Scientific Research, Tripoli, Libya.

Website: www.hite.com.ly

EDUCATION AND TRAINING

Nov 1998 – Jun 2003

❖ Bachelor Degree of Engineering (B.Eng), Department of Chemical and Safety Process Engineering, Bright Star University of Technology, Sirte, Al-Brega, Libya

Dec 2008 – Dec 2010

❖ Master Degree of Chemical Engineering (M.Eng), Department of Chemical and Process Engineering, The National University of Malaysia (UKM), Bangi, Selangor, Malaysia

list of principal subjects:

1. Advanced chemical thermodynamics
2. Safety and loss prevention
3. Particle process and operation
4. Synthesis & process optimization
5. Project management
6. Advanced bioreactor system
7. Advanced process modeling
8. Renewable Energy Technology
9. Waste water treatment
10. Economics engineering
11. Risk and hazard assessment of petrochemical plant
12. Process dynamic modeling and control application

Curriculum Vitae

ACADEMAIC INFORMATION

Publications

Publications:

- ❖ Review of the energy supply status for sustainable development in the Organization of Islamic Conference, Renewable and Sustainable Energy Reviews 28 (2013) 18–28, (July 2013). Available online at www.sciencedirect.com.
- ❖ Performance analysis of solar drying system for red chili, Solar Energy 99 (2014) 47–54, (October 2013). Available online at www.sciencedirect.com.
- ❖ Electrodes with supported Catalyst Layer in Unitized Reversible Fuel Cell system: A Review, Applied Mechanics and Materials, vol. 316-317, pp. 960-963, (April 2013). Available online at www.scientific.net/AMM.316-317.960.
- ❖ Potential and Status of the Renewable Energy Technologies for Sustainable Energy Development in Organization of Islamic Conference (OIC) Countries, WSEAS TRANSACTIONS on ENVIRONMENT and DEVELOPMENT, (E-ISSN: 2224-3496), Issue(4), Volume 9, (October 2013). available online at: <http://www.wseas.org>

For more publication see home page :- [Mohamed Gabbasa Google Scholar Citations](#)

Conferences

Conferences:

- ❖ Review of the Electrodes Layer for Unitized Regenerative Proton Exchange Membrane Fuel Cells, Advances in Environment, Biotechnology and Biomedicine, ISBN: 978-1-61804-122-7, Greece (Augusts 2012). Available online at <http://www.wseas.org> .
- ❖ Review of the Bifunctional Electrodes Catalyst Layer for Polymer Electrolyte Membrane in Regenerative Fuel Cells, Advances in Environment, Ecosystems and Sustainable Tourism, ISBN: 978-1-61804-195-1, Malaysia (April 2013). Available online at: <http://www.wseas.org> .

Presentations

Projects Seminars

Presentations & Research Project & Seminars:

- ❖ Mini project & presentation on the feasibility study for establishing A Cement plant (Engineering Economic) (April 2009).
- ❖ Presentation on the Development of empirical models from process data (Dynamics process control) (Dec 2009).
- ❖ Mini project & Presentation on the Design of Gas Distributors and Prediction of Bubble Size in Large Gas-Solids Fluidized Beds (Principle Particle Technology) (Marc 2009)
- ❖ Mini project on the {VLE} Calculations diagrams and phase by (icon software: process simulation software) (Marc 2009)
- ❖ Mini project on the Separation Process (Solid / Liquid Separation Solution) (Particle Technology) (May 2009)
- ❖ Mini project with final presentation on production of glucose isomerase {C₆H₁₂O₆} (bioreactor system) (Nov 2009)
- ❖ Case study: on the perform a (FMEA) & (HAZOP) on the proposed storage facility (safety and loss prevention) (April 2010)
- ❖ Case study: how the Propylene Glycol is produced from the Reaction of Water and Propylene in a Jacketed {CSTR} (advances process modeling) (Sep 2010).

Honours and awards

Honors & awards:

- ❖ Best Student Award for Overall Performance Level 99 & 100 , Session 0711 in (Nov 2007) at {ELS} Language Centers Johor Bahru, Johor, Malaysia (2007)
- ❖ Best Student Award in (April 2008) from Ambassador of Libyan Embassy in Kuala Lumpur, Malaysia (2008).

Memberships

Memberships:

- ❖ Memberships at [Sciencedirect](#) cooperation for international journals
- ❖ Memberships at [Scopus](#) cooperation for international journals

References

References:

- ❖ Prof. Ir. Dr. Kamaruzzaman Sopian, Director of Solar Energy Research Institute, University Kebangsaan Malaysia, 43600 Bangi, Selangor, Malaysia, Tel: +603 8921 4592, E-mail: ksopian@eng.ukm.my
- ❖ Prof. Ir. Dr. Abdul Wahab Mohammed, Director of Lizona Office, Lecture of Department Chemical and Process Engineering, Faculty of Engineering and Built Environment, University Kebangsaan Malaysia, 43600 Bangi, Selangor, Malaysia, Tel: +603 8921 6410, E-mail: wahabm@eng.ukm.my
- ❖ Prof. Dr. Hesham Mohamed Zaki, Senior Lecture in Department of Physics, Faculty of Science, Zagazig University, Zagazig, Cairo, Egypt, Tel: +20 5522 95604 & +20 1035 66955.